

POTOMAC VALLEY RADIO CLUB - NEWSLETTER - APRIL 2000

PVRC CALENDAR - Please see the REFERENCE PAGE for details

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| Weekly | Wed | BWI Regional weekly breakfast. Wednesdays 7:30 am, Basil's Deli, Elkridge Landing Rd near BWI. |
| Monthly | | Over-the-Hill Luncheon. Date to be announced. Hosts listed on the reference page. |
| Mar 31 | Fri | Carroll County meeting at 8:00 pm at Tully's in Westminster, MD |
| Apr 6 | Thu | PVRC/NC meeting at Ryans Family Restaurant, Cary Crossroads. 5:30pm, meeting at 6pm |
| Apr 10 | Mon | Central meeting in Vienna, Virginia. |
| Apr 11 | Tue | Central Virginia at First Mennonite Ch at 7:30pm. Dine about 6pm at the Crazy Greek. |
| Apr 14 | Fri | SWVA meeting in the Roanoke area. |
| Apr 18 | Tue | Northwest. Special meeting and location. See the center column on page 4 for details. |
| Apr 18 | Tue | Tidewater Colony. Meeting with VA-DXCC. |
| May 27-28 | | CQWW WPX CW Contest. This is a club competition contest that earns PVRC 5 Mil points. |
| June 3-4 | | PVRC Reunion-on-the-air. |
| Jun 17 | Sat | W3LPL open house |
| ? ? | Sat | Joint PVRC/FRC meeting in the FRC area. TBA |
| Jul 22 | Sat | W4MYA open house |
| Aug 1 | Sat | Fowlfest at W3YOZ park |

MATERIAL NEEDED FOR THE ANNUAL "JUMBO" MAY ISSUE
by Dick Wilder, editor [\[email protected\]](#) 410-757-6706

The May PVRC Newsletter is the annual jumbo edition that includes a membership roster and announcement of the June PVRC Reunion-on-the air. Normally, the Newsletter is mailed to 400 active members though the May issue is mailed to nearly 800 PVRC members. Of greatest importance is that you send any changes of your address, email, telephone numbers, and call signs to W2GG ASAP to be included in the roster to be prepared on April 15th.

I always look forward to receiving material for the Newsletter. The May issue is an opportunity tell the distant members about summer activities that they may include in their vacation travels and to remind inactive locals that they are welcome back into contesting. Possible articles might tell how PVRC finished in club competition contests during the past 12 months, a state of the union article about PVRC, an article about one (or more) contest DXpeditions, or whatever may be of interest to testers. Any volunteers?

As a minimum, please send me the schedule for any summer activities between now and September so it can be listed in the above calendar each month. Thank you!

PVRC President's Report from Brian McGinness
[\[email protected\]](#)

Last month has been busy for me, with the fantastic conditions during ARRL, and lots of activity within PVRC.

We have produced the first video (of several, I hope!) that will be circulating to the regional meetings that have access to a VCR and TV. The first program was produced by N3RR and N3OC at Bill's QTH, and features a great presentation on contest station automation.

The next video that will be available will be the Force 12 presentation that our VP, Jack K4VV has arranged for the April meeting in Vienna. So anyone that cannot attend will be able to view the video. We are trying very hard to make PVRC available to everyone within the 175-mile circle.

And the Board of Trustees (PVRC's equivalent of the board of directors) is working on making some minor by-law revisions that will allow all regions to vote for club officers in the annual elections. That seems only fair!

Our timetable is to present the by-law revisions at the May meeting, where they have to be tabled for 30 days and voted on at the following meeting. That would be the June meeting at W3LPL, which is well attended. That will allow as many club members as possible to have a say.

We are also considering making a change that would allow the Secretary and Treasurer to stay on beyond the current three year term limit. The term limit for the President and the Vice President would remain.

The next contest is the WPX. With the spectacular conditions of the past few weeks, you don't want to miss it! I will be on from Ocean City for SSB, and from Antigua in WPX CW in May as V260C, so please work me! GO PVRC!

TREASURERS REPORT by Dave Baugher, WR3L

I would like to thank the following for the donation to PVRC in March:

K2PLF, K3WKE, AA3SB, W3US, K4RZ, WJ9B, N8II, K3TZV, W3JPT, W4JVN, N7PD, W3TMZ, and W6NRJ.

Here is a summary report for the first 3 months of the year as of 3/20/00. Newsletter advertising due PVRC is billed quarterly and is not included in these figures.

| | |
|------------|-----------|
| Income: | |
| Donations | \$2044.00 |
| QSL Sales | 95.00 |
| Expenses: | |
| Newsletter | 658.00 |
| Insurance | 325.00 |
| Donation | 100.00 |
| Plaques | 60.00 |
| Balance: | \$996.00 |

Please don't forget to send your ARRL renewal through PVRC.

FIRST CARROLL COUNTY GROUP MEETING MINUTES by Jim Nitzberg, WX3B

In attendance, WX3B, N3SB, KA3BGZ, and K3LP.

Saturday evening, March 11, 2000 was the first official PVRC meeting of the Carroll County group, and we are very excited about having our group formally recognized. As with many new ideas, this one was born from a casual remark made several months ago when a group of Carroll County area PVRC members got together and said "Why don't we make this a PVRC meeting? In fact, why don't we start our own chapter?" Since that original meeting, we have received encouragement and votes of confidence from about 10 PVRC members that will attend future meetings in this region. I appreciate the encouragement and assistance of Jack Hammett, K4VV for helping make this a reality for us. A special word of thanks goes out to Brian McGinness, N3OC, who made the leadership decision for us to become a region.

We are relative novices to the contesting arena (K3LP is a notable exception!) and we run modest stations. What we lack in aluminum we make up for with spirit and enthusiasm. Our group has fertile ground for future testers...the Carroll County Amateur Radio Club. There are about 5 members of this club that have already been identified as future (potential) PVRC members.

Jim Nitzberg, WX3B is located on a beautiful 3/4 acre lot on top of a hill in Manchester, MD. The contest station consists of a Force 12 C-3S up 50 feet, a few wire antennas, a Yaesu FT-1000MP (and newest addition: a "1000D" !) and an Ameritron AL-1200 amplifier.

Steve Beckman, N3SB sports a Yaesu FT-1000D, an Ameritron AL-1200 and a High-Gain TH7DXX up 60 feet. Wires and some verticals are used for the low bands at his house, and there are some impressive VHF antennas available. Steve is located in Finksburg, MD.

John Chesley, KA3BGZ is just now assembling a formidable multi-single contest station. He has a Yaesu FT-1000D, a (big) Henry 3K amplifier, and enough KLM beams in his basement to weigh down a nice tower. We all have high hopes for the KA3BGZ (soon to have a new "contest approved" vanity call) Multi-Single Station from Westminster, MD.

Dave Collingham, K3LP is the best known DXer and contesteer in our group, and unfortunately is temporarily off the air - anxiously awaiting a buyer of his home so he can build a true multi-multi contesting paradise. Dave is recognized as one of the leaders in assembling the A61AJ contesting station in the United Arab Emirates. He also frequents the shores of St. Lucia and hands out contest points from that part of the world. We all hope Dave's house will sell soon - because that means we'll have another BIG station to contest from in the future.

Other Carroll County group members include: K3UG, W3DF, N3UN, NY3M, NY3A (soon!), and hopefully, N3II.

Our dinner meeting was held at a local Pizza establishment in Westminster, MD. After dinner, we went back to John's house to do some amplifier diagnostics, and get on 20 meters for awhile so we could say hello to Abdullah, 9K2GS. Our off the air conversation centered around KLM antennas, and how many more weeks it would be before John was ready to install a few of them. There is a KT 34A in the process of being assembled in his basement.

We agreed that our meetings will alternate between restaurants and our homes, and that we are going to try putting a Morton's dinner together downtown in Baltimore. If you live near Carroll County and would like to join our gatherings, please contact Jim Nitzberg, WX3B ([(#)]) at 410-374-9233. Our next meeting will be at 8:00 P.M. Friday March 31 at Tully's in Westminster, MD. 73 and good DX.

PVRC March 2000 Meeting Minutes, Temple Hills, MD by Brian McGinness, N3OC

The meeting was called to order at 7:30pm by Brian, N3OC, after several had dinner at Mamma Stella's.

Members and guests were introduced. Members attending were N3RR, WR3L, W3YOZ, W3AZ, N1WR, W3TOM, W3HVQ, KE3Q, N3OC. Ed, N3HXQ was a guest attending his second meeting.

N3OC gave the president's report. The first video taped meeting presentation was produced by N3RR and N3OC, describing contest station automation at Bill's station. The next presentation that will be video taped is the Force 12 presentation in April. These tapes will be made available to the outlying regions to view at their meetings.

The summer meetings scheduled to date are 6/17 W3LPL, 7/22 W4MYA, 8/12 W3YOZ fowlfest. N3OC is checking with FRC as to the status of the joint FRC/PVRC meeting.

Ed, N3HXQ was at his second meeting, and was asked to describe his station and contest interests. Ed lives in Bethesda, has been a ham for 10 years, and has an advanced class license. He has a 70' crank-up tower, and a Force 12 C4S waiting to be installed, and an Alpha 99 amp. He was voted in, welcome to PVRC!

New business that was brought up was a request to resume putting meeting announcements out on packet, and a discussion concerning the location of the Maryland meeting.

The video presentation was next, with a brief introduction by N3RR. The usual war stories concluded the meeting.

FORCE 12 PRESIDENT--TOM SCHILLER, N6BT IS VISITING SPEAKER FOR THREE EVENTS ON MONDAY, APRIL 10

The PVRC Leadership Team is pleased to sponsor Tom Schiller as our guest on April 10. Lunch, Dinner, and Meeting events are planned.

The Luncheon (11:30 AM to 1:30 PM) will be hosted by Rich, KE3Q at a Restaurant near Annapolis, MD. Pay as you go, of course. Tom plans a presentation. You may attend from 12 to 1:15 and hear the talk and Q&A.

The Dinner (5:30 PM to 7:10 PM) will be hosted by W3LPL and N3RR at the Olive Garden Restaurant in Tyson's Corner, VA. Arrive by 6 pm for the talk.

The Meeting (7:30 PM to 9:30 PM) at the Vienna Community Center will be chaired by Brian, N3OC, allocating the priority of time to the Presentation and Discussions led by Tom, N6BT. The Vienna Community Center is very close to the Vienna Library, and the downstairs room we have reserved seats 100.

PVRC and NCDXA members are welcome participants in all of these events, and may selectively invite guests who are interested in Contesting, DXing, or Antennas. We will take a reservation list for planning for the three events.

Tom will give remarks about the highlights of his experience with antennas at the lunch and dinner events, and engage the participants in discussions, addressing questions of interest. Tom will focus his presentation during the meeting on the topic: "Antennas as a Key Driver of Station Performance." The tentative topic for the luncheon is "How to debug an Antenna System." Our objective is to learn as much as we can from Tom that will be helpful in improving our stations and operating strategies. We will seek to engage Tom with questions of general interest, saving the detailed ones for the casual time. Tom will be accessible before and after each event to talk.

Directions:

1. To Annapolis....location is TBD
2. To Dinner--The Olive Garden is on the SouthWest corner of the intersection of Route 7 and International Drive in Tyson's Corner, about 1/3d mile West of the 495 Beltway. The address is 8133 Leesburg Pike (Rt 7); telephone 703-893-3175. Parking is available behind the building.
3. To the Meeting--The Vienna Community Center (VCC) is at 120 Cherry Street; telephone 703-255-6360. From Tyson's Corner, follow Route 123 South (also marked as Maple Avenue) into Vienna, passing the Safeway and Southern States on the left, turning left onto Park Street, and going one long block to the VCC on the right, facing Cherry Street. If you pass Park Street on Rt 123, you will see the Library at the next intersection, turning left onto Center Street, then left on Cherry to the VCC. The VCC will be familiar to many of you as the site of the Vienna Winterfest prior to 1999. Force 12 information on new products and the 2000 Catalog are available at www.QTH.com/force12 and force12inc.com. The first site has directions for a new Force 12 Reflector.

Reservations: Pass a message to [\[email protected\]](#)), or [\[email protected\]](#)(W3DQ), or [\[email protected\]](#) (Brian McGinness) indicating yes for L/D/M as appropriate. Reservations for lunch may also go to [\[email protected\]](#)(Rich). We have about 43 reservations so far.

The code for the following list is is: # is no input, n is no, ? is maybe, and y is yes.):
N4ZR nyy, N3AN nyy, WR3L nyy, KE3Q yyy, N3OC nyy, K8OQL nyy, K2UOP nyy, N3JT nyy, N3FX nny, WZ3AR nny, K2YWE n?y, W3PJ n?y, W3DQ nyy, W3YOZ yyy, K4VV ?yy, W3LPL nyy, W4LIP nyy, N4XX nyy, W4FQT nyy, K5RJ nyy, K3RUQ ?nn, K2BU ?nn, W3TMZ ##y, N3NT ##y, W2YE ##y, W3ZZ ##y, W3TOM ##y, N3RR ##y, W3XG ##y, N4MO ##y, N4MM ##y, N3HUV ##y, N1KCE ##y, W3UJ ##y, AJ3M ##y, WR3Z ##y, W3MC ##y, W3RX ##y, W4RW ##y, K3MM n?y, N3RC ##y, N3KTV ##y, W8ZA ##y. Please provide changes or additions so that we may plan space for these events.

PVRC FEBRUARY MEETING MINUTES, VIENNA, VA

The meeting was opened by Brian, N3OC, after a few of us had a quick meal at the Outback with the Valentine crowd.

Introductions. Members attending were N3OC, WR3L, K4VV, N3JT, W3DQ, W4JVN, W3YOZ, and W1HIR. Ed, N3HXQ was a guest at his first meeting. N3OC gave the President's report, with emphasis on the initiative to sponsor quality programs that may be video taped for use at local meetings. Brian has been active in recent contests and expeditions. WR3L provided an update on the Treasury, highlighting the surge in contributions after envelopes arrived with newsletters. Dave hosted a recent Multi-2 with 3 Ops.

K4VV reported on the April 10 events with Tom Schiller--President of Force 12. A luncheon, dinner, and meeting are in planning. Jack has had limited contesting time.

N3JT is looking for a house on a hilltop in Arlington or McLean. Jim wants a tower for contesting.

W3DQ provided the DC multiplier in the recent 160 m contest. Eric was in Athens on one recent contest weekend, and watched the packet spots streaming fast.

W4JVN is building a house on the Northern Neck. Dave is using Force 12 antennas. He lives 40 Miles from K4JA and is helping to build the towers.

W3YOZ reported talking to Norm, W3NRS who is just out of the hospital, doing okay. Marty and K4VV operated the YOZ station in PA/FN00 in the January VHF Contest. The building has been expanded from 3 to 7 positions; towers are growing.

W1HIR continues to travel. John has limited operating opportunities.

N3HXQ was here for his first meeting. Ed had tower questions, leading to a lively discussion of tower limitations and building permit procedures in the area.

Brian, N3OC made an interesting presentation on a portable 160m vertical antenna that he built and deployed on a recent contest expedition. Brian summarized the design advice of W3LPL and his own choices made in the implementation. A commercial telescoping mast was a key component. Contest results were outstanding. Brian also deployed the antenna for W3DQ for the 160m contest. Our plan to video tape the presentation was derailed by a last-minute work requirement. The meeting adjourned promptly at 9 PM as the Library closed.

NW Regional Meeting Minutes - 3/21/00
By Greg Altig, N5OKR ()

In attendance were members N5OKR, N3KTV, K3SX, K3WC, NE3H, W2BZR, W8ZA, N4MM, K2UOP, K8OQL, K3UG, K3IXD, N8II, WD3A, K3MM, K1DQV, K3TZV and W0YR and guests Laurie and Tayler Stewart.

Business: Greg announced the return next month of Riley Hollingsworth, K4ZDH, the FCC's amateur rules "enforcer". Riley visited with us last year at the beginning of his tenure and has agreed to return to Frederick in April. It was suggested that we (temporarily) find a more private setting for our guest, so Greg presented a few possible restaurants in the Frederick area that had private meeting rooms. The Paradise Restaurant, a Mongolian BBQ place near Tully's, was chosen. Specific directions will be posted separately. (See article below.)

>From the introductions: K3SX, Sid, announced the addition of a new FT-1000MP to his shack (and the deletion of SEVERAL other pieces of equipment to pay for it).

K3WC, Dusty, appropriately followed Sid by announcing HIS new 1000MP, the departure of his older model, and the addition of a bunch of Sid's "rejects" in trade.

NE3H, Joe, mumbled something incoherent (obviously caused by the Chairman's late arrival and a frisky waitress!).

W8ZA, Bob, did an Academy Award-style acceptance speech and thanked all of his operators contributing to his M/2 score from the ARRL DX contests. Bob also noted some domestic aggravation due to TVI during the last contest, and subsequently solved that problem by planting a "West Virginia State Flower" (satellite dish) in his back yard. Even more interesting is his choice of mounting schemes for the dish. Dig a hole? No! I'll just cut down this 'ere tree and bolt it to the stump!

N4MM, John, received congratulations for his rise to the ARRL VP position, but lamented that it left very little time to get on the air. He went on to discuss the possible two new DXCC countries coming up, and a possible change to SS to include a 6 - 8 hour "sprint" embedded within it. Contact your CAC representative for more details and to give your input.

K2UOP, Tom, will be hitting the WPX contest hard this weekend. He also reported tracking down some nasty RFI that cropped up

recently during the 160m contest that ended up coming from his Jacuzzi, of all things! Now, what self-respecting ham has a Jacuzzi in his shack?

K3UG, Barry, starting RG on the K3MQH TVI defense team, reports the J6R QSL cards have come in and gone out just as quickly.

K3IXD, Ed, has been working his butt off to remove all competition for this year's FUBAR award. First, he recently learned the difference between the "high" and "low" positions on his power supply, followed by sitting down Sunday morning of the ARRL SSB DX contest all primed to tear up 20m, only to have his rate near zero. It seems that for the first part of the morning he was calling CQ on the 80m antenna from the night before.

N8II, Jeff, reported excellent 10m conditions while helping out at W8ZA, but had a little line noise problem pointing towards EU.

ND3A, Tom, has gotten a reputation as a poor tipper for taxi service up and down W8ZA's mountain, but made up for it by once again having to climb one of Bob's towers in mid-contest. Tom went on to complain about Bob's use of "Grade Zero" bolts.

K3MM, Tyler, again graced us with the presence of his lovely wife, Laurie, and adorable daughter, Tayler. He worked at W3LPL for ARRL CW, home for the SSB half of that one, and will be a "super rover" with ND3F in the June VHF contest. (Hey, Laurie...do you think just once you and Tayler could come dine with us WITHOUT the excess baggage?)

K1DQV, Roger, fired up the station during the ARRL contest "just to check things out", and reports all is in top working order.

W0YR, Mike, reported having a good experience with Virginia Power in getting the area around his QTH "quiet". He will provide the point of contact to anyone that is interested. Meeting adjourned.

April NW Regional Guest Speaker & Directions by Greg Altig, N5OKR, NW Regional Chairman

Greetings to the PVRC membership! The April meeting of the NW Region (4/18/00) will feature another discussion with Riley Hollingsworth, K4ZDH, head of amateur radio rules enforcement within the FCC's Compliance and Information Bureau. Riley last visited us in February of last year and provided a lively discussion of the FCC's rise from the ashes as it pertains to amateur radio monitoring, along with some hilarious anecdotes of recent "busts".

In order to better accommodate our guest, we decided at the March meeting to temporarily move our venue to someplace with a private meeting room. We chose the Paradise Restaurant, a new Mongolian BBQ establishment in Frederick. Unfortunately, I did not have an opportunity to get specific directions to this place before the newsletter deadline, so they will be posted on the reflector and via packet separately. For now, here is what I do know....it is on Frederick's Golden Mile (U.S. 40), on the opposite side of the road from Tully's and slightly farther to the west. It is the old Hi Gear auto parts retail outfit, which I recall being a "stand-alone" building in one of the shopping center parking lots and much closer to the road than the other businesses. Basically everyone will enter Frederick the same way they do to get to Tully's, those coming from the north, south, and east will go down U.S. 40 past Tully's and look for it on the right. Those of you coming from the west will have to look across the road and make a left turn across U.S. 40.

SEATING IS LIMITED! Our room holds 40 at capacity and I have half that number confirmed already. If you plan to attend, let me know so I can get you on the "A" list. I look forward to a good crowd and some great conversation.

SWVA PVRC Meeting Minutes, March 10, 2000 by John Mitchell, K4IQ

The SWVA PVRC Chapter met on March 10, at the Sunnybrook Inn in Roanoke, VA. Present were K1GG, Gordon; N4GU, Mike; K1SO, Jerry; W4YE, Buddy; N4EL, Nat, and his son, KF4NVC, Jim; K4IQ, John; KU4RG, Anthony, and Shilynn, KF4OKG; John W4JAM, and Susanne, WOMAN.

After a good meal of seafood and prime rib, the group adjourned upstairs to a meeting room. Our first order of business was to welcome Nat's son, Jim, back for his second formal meeting. A vote was taken, W4YE read the code of conduct and described the retty-snitch he keeps handy for those who fail to get on for contests and help the club, and Jim was unanimously voted into membership. Welcome Jim. Jim is a student at Blacksburg Middle School, and is active in the school's (!) amateur radio club, K4BMS, where he reports there are several budding HF contesters. He was given his first assignment to find out more and report back next meeting.

Members then gave a short redux of their efforts since our last meeting, nearly two months ago! W4YE had a great contest effort for the ARRL CW, putting in 32 hours, and well over a million points. He did all this with paper logs, and said he probably could have worked 2000 QSO's if he could get NA to work on his antiquated computer. We are sending a crisis response team to Buddy's qth to get him automated! W4JAM reported he spent the contest on his tower, instead of on the air, after he found a dead short on this KLM 40M beam. He also reported he and Susanne are very actively house hunting, and would appreciate anyone having Rohn 55 sections that are excess to their needs to contact him. N4GU reported having some good runs on 10M during the ARRL phone, and enjoyed dx'ing 80M during the CW test. He plans a multi-single effort for the WPX phone in two weeks, bringing in some of the club operators from the Virginia Tech station, K4KDJ to stoke the contesting fires. K1GG continues to suffer tower woes, as he had to curtail his single-handed efforts to bring down the KLM 3-ele 40 beam that was damaged in the big January wind storm, when the winds started up just as he was about to remove the last bolts holding the beam on at 150 feet! He quickly fastened the damaged beam back to the mast, where it remains, awaiting another day. K4IQ related his single-op assisted effort in the CQ160CW, when he was surprised to find the internet "packet cluster" from Finland worked very well in finding multipliers. He was even more surprised when, two weeks later, he got a \$148.00 phone bill and found he had been logged on for more than 16 hours to the Alexandria ISP phone number, instead of the local SWVA number! He will take a few minutes next time to ensure his laptop is adjusted for SWVA conditions after a DC trip! Bill Svec, WA4BKW, emailed to say he couldn't attend, but reported some nice rates during the ARRL test, and he wished he'd had more time to operate.

We discussed upcoming contests including the VA QSO Party, and discussed an antenna party for K1GG soon, so he could have a little help with that 3 element 40. We also took another head count for Dayton. Looks like we'll have better than half the chapter showing up! Someone asked if there would be a PVRC meeting and sign-up sheet this year, as in past years. The formal meeting concluded with a viewing of the video for the 3Y0PI Dxpedition. We agreed to hold our next meeting at the same place (all you can eat prime rib and seafood for 12.50 ain't bad!) on April 28th. As always, representatives from distant chapters are encouraged to travel down to the mountains to share in the fun.

CVCC MEETING of 3/14/00 by John Yovell, WA4QDM

We had a good turn-out on 3/14/00 both for the "Crazy Greek" and the regular meeting. There were about 20 members present.

A.J., W4NM - our Treasurer, reports we are in real good shape! (For members not present, this info is available, but I don't want to put it out in an e-mail). Anyone still owing dues, send 'em in to A.J. There were some problems with the list in the CVCC newsletter as to who had paid dues - N4ZJ had some computer problems and is working this out.

Jim Green, W4ML, offered his river place for a June 10 picnic. AC, W4HJ, will report on the availability of an

alternate site next meeting. At the next meeting we will take a vote, if both sites are viable options. In any event, we appreciate the offers and generosity, whatever the final course!

The Club Officer slate is set - nobody volunteered to let the incumbents off the hook, so there will be a "Railroad Job" next month.

Bob, W4MYA, commented on the recent ARRL SSB M/M score, which was a record for his station and shows we are gaining % on W3LPL. Also, for the first time in awhile, the SSB score was higher than the CW score - good going guys, guess we'll have to QRQ on CW next time! (Bob, KB4DI - that means send faster)!

Bob, W4DR, has lined up Sam, W4PK, to do a presentation next meeting about "A serious fox hunt a long time ago". Sam may try to coerce some of the other hams in the western reaches of the CVCC to come to the meeting. We had tried to get Don Hennesley to do a talk on his "Mercury-like" paddles (he was featured in a QST some time ago, but he told me he is snowed with work of late and would still like to do it, but not soon).

Bob, W4DR, also made a motion, that was seconded and passed, that the club sponsor the following upcoming Dxpeditions for \$200 each: FT/T (I think), 3B6, and VK9WI.

Jim, W4ML and Bob, W4MYA are both going to do a M/M this weekend for the Va. QSO Party. Interested operators need to get in touch with these kind hosts! This is an excellent training opportunity and the CVCC is sponsoring the Club competition plaque this year. We do need at least three logs to qualify, so if you can't make it to Jim's or Bob's, get at least a few Q's and submit a log!

Bob, W4MYA is looking for operators for the SSB WPX weekend after next.

Last, but certainly not least, was the featured attraction of the evening: The DX4WIN guy, Steve, NR4M, our friend (and CW guy) from the Fredricksburg area. Steve put on a very thorough computer projected presentation of his DX4WIN product, which is designed specifically for the DXer. I can't do the presentation justice, except to say that it was very thorough, impressive, fantastic, and (do I get a discount yet?...) he was able to answer all questions from the floor. We had several testimonials on support/service at the end of the presentation. Thanks a bunch Steve!

Late-breaking stuff: Kyle, WA4PGM, has volunteered to do the CVCC web again. I have pointed my CVCC link to his CVCC page. If you want to go direct, it is:
<http://www.hovac.com/wa4pgm/cvcc.htm>

OVER-THE-HILL LUNCH by Bill, W3AZ

The Over the Hill Group met at the Best Western Hotel in Oxon Hill on Wednesday March 22. Those attending were K3ZO -Fred, AA4XU -Ben, W3CP -Jim, W3GN -Larry, W3ABC - Hugh and W3AZ -Bill. Jim brought in some pictures of his station at different times before WWII. It sure brought back memories of those days. Discussions ranged from those days up to the latest restructuring of Ham Radio regulations. All left well fed.

UPDATES AT K3SA - Steve Affens March 2000

My 73 foot tower/mast combination rates only as a multiplier/backup system for today's competitive multi-multi and single-op stations. Nevertheless, I remain undaunted and last year, did my best to improve the fun factor and results of operating with a single tower with tribander and rotatable 2 element 40. The goal was to improve antenna bandwidth to provide a good load to a new auto tune amplifier, eliminate antenna selection errors by automating antenna switching, and increase power to the legal limit.

The TH6 tribander was replaced with a Bencher Skyhawk and the Hygain 2el 40, which was very narrow and unusable in the rain, was replaced by a Cushcraft XM-240. To achieve

sufficient antenna separation, a new Dillsburg mast was installed. Both new antennas work very well, and are pointed in the same direction (Skyhawk at 60', 2 el 40 at 73'). A Top Ten Devices Switch was added so the FT1000 could automatically select the appropriate antenna upon band changes. The Alpha 87a linear replaced an SB-220 to bring automation to its conclusion and accomplish legal limit power. I also added an auto brake release circuit to the rotor so I could pull my hand away from the control without having to wait for the array to coast to a stop. Finally, I switched to Writelog Contest software to see what it would be like to have windows open while operating. It was nice to be able to open Geoclock on screen along with all the other windows.

Arguably, conditions during the ARRL CW DX Contest couldn't have been much better. Nevertheless, I have been "driving" my station through endless roads of contests and sunspots and I can distinguish the difference between equipment changes and conditions. I could feel the power difference (I'm presuming the antenna gain of the Skyhawk isn't THAT much better than the TH6) and I could HEAR the difference on the 2 el 40. The frequency agility made operating much less fatiguing and eliminated the inertia to change bands for multipliers. The 2201 Q's, 438 countries, 2.9 meg score was a very significant improvement over past efforts. I'm still the same old me, so I'm presuming its the station improvement that paid off.

I'd like to pass along some thanks to those who mentored the project. First, Mike Cizek, W3MC is a master tower man. I built the antennas, but he took the old down and installed the new mast and new antennas. He made a daunting project look easy. W3LPL provided thoughtful consultation and great advice on the mast and where to get it. K3MM helped on the mast pickup and delivery. Norm's (W3NRS) rotor brake delay circuit is marvelous. The new system uncovered yet unknown nightmares of unwanted reception by my neighbor's new surround sound TV. Bob Curry KC3VO helped to team up on the problem and clean my signal out of a stereo in the direct line of fire of the array. (yet another story). N3AM and W3GG took direction well from me and W3MC. They are good ops as well. Thanks to the PVRC members and leadership for providing the team spirit and fosters station improvement and operating participation.

Pictures and SWR charts of the project are at
<http://www.affcom.com/steve/k3satowr.htm>

5M AWARD LISTINGS AND WORLD CONTEST STATION DATABASE by Pete Smith, N4ZR [\[email protected\]](#)

Effective March 14th, the PVRC 5M Award web pages have moved to www.qsl.net/n4zr. Later on, pages about N4ZR will probably be added, but a link to the award standings will remain prominently displayed.

The World Contest Station Database will be migrating to contesting.com before April 1. In the meantime, I will be continuing to update the database at its current location, so don't hesitate to submit your new or revised info -- it will not be lost. Don't forget to update your entry in the World Contest Station Database <http://206.102.70.3/search.htm>.

SHORT NOTES by the editor, K3DI

Call sign changes: Ben dropped the final "A" from N3UMA to become N3UM. KD4FBU changed to his father's (N1KC) former call of N1KCE.

Barry Thaysen, K3UG answered my appeal for a replacement as editor of the PVRC column in the FAR Autocall. I had edited it for about three years but felt that more could be done in the column to attract some 3,000 area readers into contesting. Barry will start with the June column that is due to Autocall by the end of April.

A couple times, I errored in preparing meeting information in the Calendar on page one. It would help if those writing minutes would conclude with a comment as to when and where their next meeting will be. Then, if I don't transport the info to page one correctly, your readers will have the info in your minutes.

Nat Heatwole, WZ3AR (x-KB3CBW) operated from the Chincoteague and Assateague Islands in NE VA on February 19-21. The two islands count as IOTA NA-083 in the rare Accomack co, VA. He's glad to QSL.

Larry Fadner, W3GN, lets us know that Howard Nurse, W6HN (formerly WD6A) wants borrow a FT1000MP to beta test some software on. If interested you can contact W6HN directly at [\[email protected\]](#).

S C O R E S

by Bob Dannals, W2GG

Changes/additions/deletions to
W2GG via [\[email protected\]](#) or packet

= missing information

160M CW RESULTS (FINAL 3/14/00)

| CALL | QSO | ST | DX | SCORE |
|------|-----|----|----|-------|
|------|-----|----|----|-------|

SINGLE OP HIGH POWER

| | | | | |
|-------|-----|------|----|---------|
| W4MYA | 950 | 53 | 37 | 258,750 |
| K4ZW | 644 | 53 | 32 | 162,860 |
| N3OC | 612 | 49 | 24 | 114,683 |
| K2UOP | 555 | 50 | 21 | 96,844 |
| K4SO | 410 | 50 | 20 | 84,630 |
| K3MM | 225 | (66) | | 59,268 |
| N4MM | 243 | 47 | 23 | 56,700 |
| K4HA | 315 | 46 | 15 | 48,048 |
| K3SV | 220 | (41) | | 40,140 |
| W3GN | 287 | 43 | 12 | 39,160 |
| K4VV | 250 | 45 | 13 | 37,642 |
| N3AM | 266 | 42 | 11 | 35,298 |
| K4BAM | 274 | 43 | 8 | 32,589 |
| N4CW | 260 | 43 | 7 | 30,650 |
| K4IX | 241 | 46 | 7 | 28,408 |
| K3ZO | 87 | 8 | 26 | 22,644 |
| N4XX | 57 | 21 | 17 | 9,956 |
| W3AO | 84 | (25) | | 4,575 |

SINGLE OP LOW POWER

| | | | | |
|-------|-----|------|----|---------|
| K7SV | 568 | (74) | | 108,188 |
| WJ9B | 525 | 44 | 15 | 69,384 |
| W4YE | 283 | 45 | 12 | 45,201 |
| K4MA | 323 | 43 | 13 | 43,064 |
| W2GG | 225 | 46 | 15 | 36,234 |
| W0YR | 236 | 40 | 10 | 29,400 |
| W3CP | 221 | (48) | | 25,056 |
| K3SWZ | 204 | 43 | 5 | 22,080 |
| N1WR | 211 | 42 | 5 | 21,949 |
| W3DQ | 166 | 40 | 0 | 14,720 |
| W4VC | 137 | 33 | 0 | 9,768 |
| W8ZA | 108 | 32 | 1 | 7,788 |
| N3UN | 106 | 32 | 0 | 7,168 |
| W3FA | 43 | 17 | 0 | 1,513 |

SINGLE OP QRP

| | | | | |
|------|-----|----|----|--------|
| WK3I | 500 | 70 | 20 | 86,870 |
|------|-----|----|----|--------|

MULTI OPERATOR

| | | | | |
|--------|-----|----|----|---------|
| K4IQ | 811 | 54 | 34 | 206,008 |
| N4RV | 642 | 52 | 39 | 194,194 |
| K8OQL | 540 | 51 | 25 | 110,276 |
| W3HVQ | 356 | 47 | 25 | 75,024 |
| K4PB | 230 | 46 | 21 | 45,493 |
| K3KO | 232 | 45 | 17 | 40,672 |
| WA4QDM | 306 | 45 | 3 | 31,392 |
| K3DI | 119 | 38 | 4 | 12,474 |
| W3UL | 132 | 28 | 0 | 7,728 |

DXPEDITION - LO PWR

| | | | | |
|----------|----|----|----|--------|
| TI7/N4MO | 97 | 27 | 16 | 24,940 |
|----------|----|----|----|--------|

43 LOGS CW TOTAL 2,439,429

Multiop operators:

Single op plus packet unless
indicated below.

Notes:

W3FA is new call for NV3V

ARRL DX CW #8 (Mar.20.2000)

| CALL | BND | QSO | CTY | TOTAL |
|----------------------|-----|------|-----|-----------|
| SINGLE OP HIGH POWER | | | | |
| K3ZO | | 3860 | 408 | 4,723,416 |
| N4AF | | 3317 | 372 | 3,700,000 |
| K4MA | | 3070 | 338 | 3,105,882 |
| W4MR | | 2155 | 332 | 2,146,380 |
| N4ZR | | 2324 | 302 | 2,103,732 |
| K2PLF | | 2046 | 342 | 2,093,040 |
| W0YR | | 1578 | 270 | 1,277,370 |
| W4YE | | 1318 | 313 | 1,237,602 |
| K2UOP | | 1286 | 280 | 1,080,240 |
| W3AZ | | 889 | 244 | 650,748 |
| W4ZV | 10 | 1893 | 104 | 590,616 |
| K2AV | | 693 | 241 | 498,147 |
| N4MM | | 556 | 235 | 480,810 |
| N3JT | | 500 | 102 | 273,000 |
| W4IF | | 469 | 167 | 234,969 |
| K4VV | | 352 | 163 | 172,128 |
| W3GN | | 162 | 52 | 25,272 |

| | | | | |
|---------------------|----|------|-----|-----------|
| SINGLE OP LOW POWER | | | | |
| N1WR | | 1270 | 309 | 1,176,363 |
| WJ9B | | 1303 | 291 | 1,137,519 |
| W3UJ | | 1120 | 273 | 916,461 |
| W3DF | | 1027 | 287 | 884,247 |
| W4HM | | 919 | 292 | 805,044 |
| W3DAD | | 669 | 229 | 459,603 |
| N3UMA | | 466 | 216 | 301,968 |
| AA4KD | | 399 | 174 | 208,274 |
| W3FA | | 298 | 161 | 143,934 |
| K6ETM | | 291 | 144 | 125,712 |
| NE3H | | 251 | 111 | 83,250 |
| WK4Y | 40 | 358 | 58 | 75,072 |
| W3CP | | 303 | 67 | 60,903 |
| K4HA | | 168 | 95 | 47,880 |
| K3YDX | | 151 | 96 | 43,941 |
| KF4OAD | | 137 | 106 | 43,556 |
| W4VC | | 128 | 79 | 30,336 |
| W4SD | | 100 | 71 | 21,300 |
| K3SV | | 140 | 45 | 18,900 |
| N3WK | | 89 | 67 | 17,889 |
| W3DQ | | 53 | 28 | 4,452 |

| | | | | |
|---------------|--|-----|----|--------|
| SINGLE OP QRP | | | | |
| WD3P | | 101 | 57 | 17,271 |

| | | | | |
|--------------------|--|------|-----|-----------|
| SINGLE OP ASSISTED | | | | |
| N3RR | | 2749 | 441 | 3,634,281 |
| K3SA | | 2201 | 438 | 2,890,800 |
| N3AM | | 2033 | 391 | 2,384,709 |
| W4NF | | 1936 | 363 | 2,108,304 |
| W3HVQ | | 1363 | 326 | 1,333,014 |
| K3UG | | 725 | 282 | 612,504 |
| K3KO | | 808 | 225 | 545,400 |
| K2YWE | | 663 | 260 | 513,240 |
| NT4D | | 615 | 257 | 474,165 |
| W3UL | | 549 | 233 | 383,751 |
| W3OU | | 357 | 235 | 251,685 |
| N4RV | | ### | ### | 226,548 |

MULTI - SINGLE

| | | | | |
|-------------|--|------|-----|-----------|
| MULTI - TWO | | | | |
| WR3L | | 2733 | 425 | 3,483,300 |

| | | | | |
|---------------|--|------|-----|------------|
| MULTI - MULTI | | | | |
| W3LPL | | 8076 | 612 | 14,820,192 |
| W4MYA | | 5964 | 535 | 9,538,515 |
| NR4M | | 5261 | 479 | 7,519,821 |
| K3DI | | 1069 | 363 | 1,164,141 |

| | | | | |
|-------------|--|------|-----|-----------|
| DXPEDITIONS | | | | |
| 8P9JA | | 5290 | 328 | 5,205,360 |
| WP3R | | 4542 | 321 | 4,373,946 |

TI7/N4MO 1238 57 211,698
(15 m, LP)

59 LOGS CW TOTAL 92,692,601

OPERATORS:

8P9JA K4MA AA4NC
K3DI WA0QII K3NY K3DI
K4MA W2CS at K4MA QTH
NR4M KI4RO K4GMH K4EC WA4JUK K1SE
K4EU NR4M K7SV
W3LPL K1HTV AI3M N3OC KT3Y KD4D K4ZW
WB2FFY K3RA WR3Z K9GY W2GG
K3RV W3LPL K3MM
W4MR N4CW at AA4NC QTH
W4MYA K4BAM K4GAU N3SB W4DR W4HJ W4HZ
WA4QDM WA8WV WX3B W4MYA
WP3R KE3Q
WR3L N3NT AA3SC WR3L

Note: W3FA is ex. NV3V

CQ 160M SSB #2 (Mar.21.2000)

CALL QSO ST DX SCORE

SINGLE OP HIGH POWER

| | | | | |
|--------|-----|------|----|---------|
| W4MYA | 659 | 55 | 17 | 111,312 |
| W4HZ | 608 | 48 | 13 | 84,302 |
| K2UOP | 561 | 49 | 12 | 78,263 |
| K4IQ | 471 | 51 | 15 | 74,316 |
| K4HA | 280 | 45 | 9 | 34,558 |
| NX9T | 303 | 40 | 8 | 33,696 |
| K3SV | 226 | 40 | 16 | 33,656 |
| K3SA | 207 | (43) | | 20,683 |
| KB3AUG | 160 | 38 | 6 | 16,236 |
| N4MM | 107 | 35 | 7 | 10,752 |
| W4HJ | 110 | 28 | 8 | 10,152 |
| K3DNE | 139 | (29) | | 9,019 |
| K4VV | 90 | 28 | 7 | 8,085 |
| NT4D | 50 | 22 | 4 | 3,276 |

SINGLE OP LOW POWER

| | | | | |
|-------|-----|------|----|--------|
| WK3I | 360 | (47) | | 37,882 |
| W2GG | 197 | 39 | 10 | 23,275 |
| W3CP | 102 | (27) | | 6,237 |
| N3GPU | 85 | (24) | | 4,512 |

SINGLE OP QRP

MULTI OPERATOR

| | | | | |
|-------|-----|----|----|--------|
| N4RV | 434 | 43 | 17 | 62,940 |
| K8OQL | 209 | 37 | 7 | 20,636 |
| K3KO | 160 | 37 | 9 | 18,032 |
| W3HVQ | 166 | 40 | 6 | 17,940 |
| K3DI | 169 | 38 | 4 | 16,212 |
| K3IXD | 118 | 30 | 5 | 10,395 |
| W3UL | 60 | 22 | 0 | 2,838 |

25 LOGS SSB TOTAL 749,205
40 LOGS CW TOTAL 2,398,718
57 LOGS MIX TOTAL 2,874,108

LAST YEAR (combined SSB & CW)
Frankford R C #,###,###
Slovenia Contest C #,###,###
Contest C Finland #,###,###
Potomac Valley R C #,###,###
* * * * *

ARRL DX PH #6 (Mar.20.2000)

CALL BND QSO CTY TOTAL

SINGLE OP HIGH POWER

| | | | | |
|-------|----|------|-----|-----------|
| K4ZW | | 3709 | 417 | 4,633,704 |
| K3ZO | | 2684 | 367 | 2,953,983 |
| K2PLF | | 2069 | 372 | 2,307,888 |
| K2UOP | | 1411 | 320 | 1,354,560 |
| W4ZV | 10 | 2589 | 127 | 986,409 |
| N4MM | | 1067 | 278 | 889,878 |
| AJ3M | | 824 | 255 | 630,360 |

| | | | | |
|-------|----|-----|-----|---------|
| KF3BE | | 801 | 247 | 592,800 |
| N4CW | | 638 | 214 | 409,596 |
| N4GU | | 665 | 186 | 371,070 |
| W3AZ | | 585 | 201 | 352,755 |
| K4VV | | 390 | 161 | 188,370 |
| W0YR | | 435 | 143 | 186,615 |
| W4MR | 40 | 552 | 94 | 155,664 |
| W3JRY | | 302 | 142 | 128,652 |
| W4YE | | 278 | 133 | 110,922 |
| KC3TL | 10 | 419 | 85 | 106,845 |
| W4IF | | 266 | 127 | 101,346 |
| W2BZR | 10 | 153 | 64 | 29,376 |
| K3SV | 80 | 98 | 49 | 14,259 |

SINGLE OP LOW POWER

| | | | | |
|--------|--|-----|-----|---------|
| W3UJ | | 937 | 250 | 702,750 |
| N3UMA | | 354 | 206 | 218,772 |
| W2CS | | 374 | 182 | 203,112 |
| K4HA | | 338 | 171 | 173,394 |
| KF4OAD | | 297 | 151 | 134,541 |
| N3FX | | 257 | 138 | 106,398 |
| W3DF | | 249 | 131 | 97,857 |
| N3EYB | | 251 | 126 | 94,878 |
| W3CP | | 258 | 66 | 51,084 |
| K1SO | | 183 | 117 | 64,233 |
| N8CH | | 126 | 77 | 29,106 |

SINGLE OP QRP

SINGLE OP ASSISTED

| | | | |
|--------|------|-----|-----------|
| N4RV | 2255 | 425 | 2,868,750 |
| N3AM | 1462 | 404 | 1,771,944 |
| KB3AUG | 1091 | 321 | 1,050,633 |
| N3NT | 973 | 344 | 1,003,104 |
| K3SA | 855 | 303 | 776,286 |
| W4JVN | 1003 | 237 | 713,133 |
| W3OU | 643 | 257 | 495,753 |
| K3KO | 600 | 239 | 430,200 |
| W3HVQ | 484 | 262 | 383,328 |
| W3YD | 542 | 203 | 328,860 |
| K6IR | 496 | 219 | 325,872 |
| W3UL | 486 | 219 | 319,302 |
| K3UG | 442 | 173 | 229,398 |
| K3IXD | 153 | 116 | 53,244 |
| K3DNE | 178 | 62 | 33,108 |

MULTI - SINGLE

| | | | |
|-------|------|-----|-----------|
| NT4D | 2039 | 366 | 2,238,822 |
| N1WR | 1398 | 348 | 1,458,468 |
| W4PRO | 1198 | 370 | 1,329,780 |
| WX3B | 1115 | 237 | 792,054 |

MULTI - TWO

| | | | |
|-------|------|-----|-----------|
| W3GNQ | 3335 | 464 | 4,636,752 |
| W8ZA | 2660 | 442 | 3,523,182 |

MULTI - MULTI

| | | | |
|-------|------|-----|------------|
| W3LPL | 8817 | 687 | 18,110,007 |
| W4MYA | 6066 | 604 | 10,978,908 |

DXPEDITIONS

| | | | |
|------------|------|-----|-----------|
| TI7/N4MO | 1840 | 59 | 325,680 |
| (10 m, LP) | | | |
| 8P9Z | 6757 | 331 | 6,709,701 |
| (M/S) | | | |

| | | |
|--------------|----------|-------------|
| 56 LOGS | PH TOTAL | 79,276,446 |
| 59 LOGS | CW TOTAL | 92,692,601 |
| 115 COMBINED | TOTAL | 171,969,047 |

LAST YEAR'S RESULTS (SSB & CW)

| Club | Logs | Score |
|------|------|-------------|
| YCCC | 265 | 282,469,426 |
| FRC | 162 | 225,763,743 |
| PVRC | 103 | 109,744,347 |

OPERATORS:

| | |
|-------|---------------------------------|
| 8P9Z | K4FJ plus one non-PVRC (K3KG) |
| N1WR | N1WR N3WZR |
| NT4D | NT4D KS4XG N3QYE |
| W3GNQ | N3OC WR3Z W3ZZ WI2T W3GNQ |
| W3LPL | W3LPL K1HTV K1RA K1RZ W2GG ND3F |

K3MQH KE3Q K3RA W3UR KD4D N4QQ
N5OKR
AA4NC
W4MR
W4MYA K4MA K4WMA KF4QQY N4DEN N4ZJ
W4DR W4HZ W4NM WB4GVZ WK4Y
W4PRO K4IX N8CH W4PRO W4SD W4ZYT
W8ZA K3DNE K3UG K8OQL N8II W8ZA
WX3B N3SB KA3BGZ WX3B

W4MYA
WB4DNL

Notes: N8CH is former NW3K

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Our local store is at
14803 Build America Dr, Woodbridge, VA 22191

703 643 1063 800 444 4799 Mgr is Mike, N4MDK

REFERENCE PAGE. Please send corrections to the editor.
Changes in March are underscored. <----but not in this email edition

PVRC Officers

President
N3OC Brian McGinness 301-652-6768 [\[email protected\]](#)
Vice President
K4VV Jack Hammett 703-281-1308 [\[email protected\]](#)
Secretary
W2GG Bob Dannals 410-472-2004 [\[email protected\]](#)
Treasurer
WR3L Dave Baugher 410-DX1-WR3L [\[email protected\]](#)
Historian
K3SA Steve Affens 301-774-0558 [\[email protected\]](#)

PVRC Charter Members:

W3GRF (SK), W4AAV (SK), W4KFC (SK), N0FFZ (SK),
W4LUE, W7YS, VP2VI (W0DX), W3IKN, W4KFT.

PacketCluster Contest/DX System, MHz:

W3LPL Glenwood MD 145.590 441.250
KE3Q Bowie MD 145.570 445.375
WR3L Baltimore MD 145.610 440.950
N3RR Rockville MD 145.510 441.325
K3SKE Frederick MD 144.930
N4OHE Mt. Weather VA 145.710 440.925
NE3H Harrisburg PA 144.970
K3MQH S Mountain PA 145.630
N4SR Woodbridge VA 145.630 *
K4FJ Mt. Vernon VA 145.770 *
W4XP Bull Run Mt " 144.990

This system is sponsored by the Potomac Valley DX Spotting Network
except "*" are independently funded by each SYSOP.

PVRC on Internet.

PVRC web site by K3SA:

<http://www.pvrc.org>

PVRC/NC web site by KS4XG

<http://www.pagesz.net/~pvrcnc>

PVRC reflector: (editor N4AF)

Get latest scores & activities info here

To post: [\[email protected\]](#)

To join* send email to:
[\[email protected\]](#)
Text: SUBSCRIBE PVRC
*Members only. If your call is not within your URL, then send msg to
[\[email protected\]](#)

PVRC dues and ARRL renewals: The annual dues are by donation - hopefully at least \$10. PVRC gets a cut from ARRL renewals sent via Dave Baugher, WR3L, 615 Rockway Beach Ave, Baltimore, MD 21221. Dues and renewal checks should be made to PVRC. Thank you.

Newsletter & Editor: Dick Wilder, K3DI, 913 Shore Acres Rd, Arnold, MD 21012-1724. Voice 410-757-6706, FAX 410-757-6720, Dxcluster, and [\[email protected\]](#). The deadline varies around the 20th of the prior month.

Autocall column editor: Barry Thaysen, K3UG. 6619 Buffalo Rd, Mt Airy, MD 21771

CENTRAL: The Central Meeting is always the second Monday (except June, July, and August) at 7:30 pm. The central meeting generally alternates between MD and VA locations. A pre-meeting dinner is usually held between 5:00 and 6:30 pm. Check via 147- repeater.

VA LOCATION: The Patrick Henry (Public) Library, Route 123, Vienna, VA. Pre-meeting dinner at Outback, Old Branch Ave.

MD LOCATION: Church of the Nativity (Episcopal), Route 5, Temple Hills, MD. Pre-meeting dinner at Mama Stella's Italian Restraunt; a short distance from Topolino's ashes.

NORTHWEST: Greg Altig 410-775-7313 [\[email protected\]](#) Meets at 7:30 pm on the third Tuesday every month at Tully's Grill, 1080 W. Patrick St, Frederick, MD. Same center as Shoppers Food Warehouse. Essentially includes WEST VIRGINIA area.

NORTH CAROLINA: Chair: Guy Olinger, K2AV; Sec: Pete Soper, KS4XG, [\[email protected\]](#), hm: 919-362-4635, wk: 919-481-6874. Activites: Jim Stevens, K4MA. POC is K4MA & KS4XG. Howie Hoyt, N4AF, [\[email protected\]](#) is PVRC reflector editor. PVRC/NC meets at 6:00 pm the first Thursday of every month at Ryan's Family Steakhouse at Crossroads in Cary.

TIDEWATER (VA) COLONY OF PVRC:
Don Lynch W4ZYT 757-486-0728 [\[email protected\]](#) Meetings the 3rd Tuesday of every month are held jointly with the VA DXCC at The Golden Corral corner of Battlefield Blvd South and Volvo Pkwy in Chesapeake, VA. Easy access from I-64 at Rte 168 (Battlefield Blvd S) exit. Dinner at 1830 and meeting at 1925.

SOUTHWEST VA CHAPTER: Coordinator: John Mitchell, K4IQ, Catawba, VA 540-384-7377, [\[email protected\]](#) Monthly meetings alternate between Roanoke area locations

THE BWI REGIONAL/PVRC: Weekly breakfast Wed at 7:30 AM at Basil's Deli Port on Elkrdige Landing Rd 1/4 mile South of Winterson Road 410-850-4333. Director: Ike Lawton, W3IKE, 410-263-2830. Secretary: Howard Leake, W6AXX, 410-465-7008, [\[email protected\]](#)

OVER-THE-HILL LUNCH BUNCH: Rotating hosts announces meeting info. Ben Shaver, AA4XU, 703-534-4740, MainstreetUSA; Andy Anderson, W3XE, 301-384-7771, [\[email protected\]](#), Holiday Inn, College Park; and Bill Leavitt, W3AZ, 301-292-5797, Best Western, Oxon Hill

PENNSYLVANIA: Steve Cutshall, K3TZV, [\[email protected\]](#), 717-763-0462.

RAPPAHANNOCK: Steve Bookout, NR4M (ex-NJ4F) [\[email protected\]](#) Also, Larry Schimelpfenig, K7SV, [\[email protected\]](#)

WOODBIDGE: Jack O'Mara W4NF, [\[email protected\]](#) 703-680-4106 and Cliff Deel W4CE, [\[email protected\]](#) 703-491-0841

CENTRAL VA: Bob Morris, W4MYA 804-457-9011 [\[email protected\]](#)
CVCC/PVRC monthly meetings are held the 2nd Tuesday at the First Mennonite Church on Staples Mill Rd at 7:30 PM. Optional 6PM-ish dinner at the Crazy Greek Rest, Staples Mill Rd. Talk-in is 145.430 MHz.

SOUTHERN MD: Chair: Barry Shapiro, WR3Z. H:301-862-2466 [\[email protected\]](#)
Usually on the first Monday of Sep, Dec, Mar, and May at N1WR's.

EASTERN-SHORE (DEL-MAR-VA): Dallas Carter, W3PP 302-875-0550
[\[email protected\]](#)

SHENANDOAH: Bill Hinkle KB3AUG [\[email protected\]](#) 304-567-3138

NORTHEAST: WR3L See info above.

ANNAPOLIS CREW: K3DI. See editor info.

CARROLL COUNTY GROUP: Jim Nitzberg, WX3B. 410-374-9233
[\[email protected\]](#)

OTHER MEETINGS based on prior year(s):

| | | |
|---------|--|-----------------|
| May. | Meeting at Dayton Hamvention | |
| Jun. | W3LPL open house Sat before Field FRC/PVRC meeting on alternate years. (1999, 2001, ...) | Day. With joint |
| summer. | When joint FRC/PVRC is at FRC, they announce the date. | |
| Jul. | PVRC/NC cook out | |
| Jul. | Open house, W4MYA, Goochland, | |
| Aug. | NCDXA/PVRC Fowlfest at W3YOZ | |
| Aug. | VHF++ meeting/workshop at ND3F | |
| Sep. | PVRC meeting at the FARfest Bowie | |
| Sep. | Open house, WR3L, Baltimore | |
| Dec. | Christmas dinner, DC area. | |

5 MILLION (CLUB COMPETITION) AWARD

Month and number of the full week end.

| | |
|----------|----------------------|
| Jan 3 | ARRL VHF Sweepstakes |
| Jan Last | CQWW 160m CW |
| Feb 3 | ARRL DX CW |
| Feb Last | CQWW 160m SSB |
| Mar 1 | ARRL DX SSB |
| Mar Last | CQWW WPX SSB |
| May Last | CQWW WPX CW |
| Sep 2 | ARRL VHF QSO Party |
| Oct Last | CQWW DX SSB |
| Nov 1 | ARRL Sweepstakes CW |
| Nov 3 | ARRL Sweepstakes SSB |
| Nov Last | CQWW DX CW |
| Dec 1 | ARRL 160m CW |
| Dec 2 | ARRL 10m Mixed |

Standings at <http://www.qsl.net/n4zr>

Roster updates at: <http://www.pvrc.org/pvrcmm98.htm>